

## **Gravimetric monitoring of the base of the mosque Kul Sharif**

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### **Abstract**

The research task was determination of facilities of gravimetric method in research of the influence of groundwater on the base of the mosque Kul Sharif. The survey using several gravimeters was carried out, error estimate of measurements was done, and all the obtained data was analyzed. The conclusion is that research of the groundwater influence on the basement of the mosque can be carried out using gravimeters of Scintrex type, which provide high precision. It's reasonable to carry out research over a longer period of time and take the necessary steps for strengthening the foundation. © 2010, European Association of Geoscientists and Engineers.

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